

| | Type | Hits | Search Text | DBs |
|----|------|--------|--|---|
| 1 | BRS | 330 | ((machzend\$3 adj1 modulatz3) (mach adj1 zend\$3 adj1 modulatz3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3)) | USPAT |
| 2 | BRS | 1989 | ((phase modulatz3) same (lithium near1 nioba\$3) linbo\$2) | USPAT |
| 3 | BRS | 49571 | phase same modulatz4 | USPAT |
| 4 | BRS | 13758 | (piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1) | USPAT |
| 5 | BRS | 2 | ((((machzend\$3 adj1 modulatz3) (mach adj1 zend\$3 adj1 modulatz3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and (((phase modulatz3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1)) | USPAT |
| 6 | BRS | 3 | ((((machzend\$3 adj1 modulatz3) (mach adj1 zend\$3 adj1 modulatz3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and (((phase modulatz3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1)) | USPAT; US-PGPUB ; EPO; JPO; DERWENT |
| 7 | BRS | 14552 | mzi interferomet\$3 | USPAT |
| 8 | BRS | 1989 | ((phase modulatz3) same (lithium near1 nioba\$3) linbo\$2) | USPAT |
| 9 | BRS | 49571 | phase same modulatz4 | USPAT |
| 10 | BRS | 13758 | (piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1) | USPAT |
| 11 | BRS | 51 | (mzi interferomet\$3) and (((phase modulatz3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulatz4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1)) | USPAT |
| 12 | BRS | 344207 | (radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog) | USPAT |
| 13 | BRS | 172 | ((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (((phase modulatz3) same (lithium near1 nioba\$3) linbo\$2)) | USPAT |
| 14 | BRS | 11781 | ((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (phase same modulatz4) | USPAT |
| 15 | BRS | 5 | ((mzi interferomet\$3) and (((phase modulatz3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulatz4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and (((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (((phase modulatz3) same (lithium near1 nioba\$3) linbo\$2))) | USPAT |

| | Time Stamp | Comments | Error Definition | Errors |
|----|------------------|----------|------------------|--------|
| 1 | 2002/11/12 14:17 | | | 0 |
| 2 | 2002/11/12 13:18 | | | 0 |
| 3 | 2002/11/12 13:18 | | | 0 |
| 4 | 2002/11/13 11:35 | | | 0 |
| 5 | 2002/11/12 17:39 | | | 0 |
| 6 | 2002/11/12 17:18 | | | 0 |
| 7 | 2002/11/12 17:41 | | | 0 |
| 8 | 2002/11/12 14:20 | | | 0 |
| 9 | 2002/11/12 14:28 | | | 0 |
| 10 | 2002/11/12 18:05 | | | 0 |
| 11 | 2002/11/12 16:43 | | | 0 |
| 12 | 2002/11/12 14:04 | | | 0 |
| 13 | 2002/11/12 14:05 | | | 0 |
| 14 | 2002/11/12 14:05 | | | 0 |
| 15 | 2002/11/12 14:07 | | | 0 |

| | Type | Hits | Search Text | DBs |
|----|------|------|---|---|
| 16 | BRS | 26 | ((mzi interferomet\$3) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulat\$4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and (((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (phase same modulat\$4)) | USPAT |
| 17 | BRS | 330 | ((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3)) | USPAT |
| 18 | BRS | 2 | ((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1)) and (((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) | USPAT |
| 19 | BRS | 4237 | ((phase modulat\$3) and (lithium near1 nioba\$3) linbo\$2) | USPAT |
| 20 | BRS | 3 | ((phase modulat\$3) and (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1)) and (((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) | USPAT |
| 21 | BRS | 8 | (phase same modulat\$4) and (((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1)) | USPAT |
| 22 | BRS | 16 | ((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric) (piezo adj1 electric) pzt\$1)) | USPAT; US-PGPUB ; EPO; JPO; DERWENT |
| 23 | BRS | 115 | ((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) interferometer (mach adj1 zend\$3 adj1 interferomet\$3))) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric) (piezo adj1 electric) pzt\$1)) | USPAT; US-PGPUB ; EPO; JPO; DERWENT |

| | Time Stamp | Comments | Error Definition | Errors |
|----|------------------|----------|------------------|--------|
| 16 | 2002/11/12 14:11 | | | 0 |
| 17 | 2002/11/12 17:56 | | | 0 |
| 18 | 2002/11/12 14:21 | | | 0 |
| 19 | 2002/11/12 14:21 | | | 0 |
| 20 | 2002/11/12 14:21 | | | 0 |
| 21 | 2002/11/12 14:28 | | | 0 |
| 22 | 2002/11/12 15:03 | | | 0 |
| 23 | 2002/11/12 15:05 | | | 0 |

| | Type | Hits | Search Text | DBs |
|----|------|------|---|-------|
| 24 | BRS | 26 | (((((machzend\$3 adj1 modul\$3) (mach adj1 zend\$3 adj1 modul\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) interferometer (mach adj1 zend\$3 adj1 interferomet\$3)))) and (((phase modul\$3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric) (piezo adj1 electric) pzt\$1))) and ((piezo adj1 electric adj1 transdu\$5) pzt) | USPAT |
| 25 | BRS | 14 | (((((machzend\$3 adj1 modul\$3) (mach adj1 zend\$3 adj1 modul\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) interferometer (mach adj1 zend\$3 adj1 interferomet\$3)))) and (((phase modul\$3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric) (piezo adj1 electric) pzt\$1))) and ((piezo adj1 electric adj1 transdu\$5) pzt)) not (((phase same modul\$4) and (((machzend\$3 adj1 modul\$3) (mach adj1 zend\$3 adj1 modul\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) "223" (((phase modul\$3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1)) and (((machzend\$3 adj1 modul\$3) (mach adj1 zend\$3 adj1 modul\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3)))) (((mzi interferomet\$3) and (((phase modul\$3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modul\$4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and (((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (phase same modul\$4))) (((mzi interferomet\$3) and | USPAT |

| | Time Stamp | Comments | Error Definition | Errors |
|----|------------------|----------|------------------|--------|
| 24 | 2002/11/12 18:27 | | | 0 |
| 25 | 2002/11/12 15:14 | | | 0 |

| | Type | Hits | Search Text | DBs |
|----|------|------|--|-------|
| 26 | BRS | 0 | ((((machzend\$3 adj1 modulats3) (mach adj1 zend\$3 adj1 modulats3) mzm mzi (machzend\$3 adj1 interferomet\$3) interferometer (mach adj1 zend\$3 adj1 interferomet\$3))) and (((phase modulats3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric) (piezo adj1 electric) pzt\$1))) and ((piezo adj1 electric adj1 transdu\$5) pzt)) not (((phase same modulats4) and ((machzend\$3 adj1 modulats3) (mach adj1 zend\$3 adj1 modulats3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) "223" (((phase modulats3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1)) and ((machzend\$3 adj1 modulats3) (mach adj1 zend\$3 adj1 modulats3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3)))) (((mzi interferomet\$3) and ((phase modulats3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulats4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and (((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (phase same modulats4))) (((mzi interferomet\$3) and | USPAT |
| 27 | BRS | 0 | ((mzi interferomet\$3) and (((phase modulats3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulats4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and (((machzend\$3 adj1 modulats3) (mach adj1 zend\$3 adj1 modulats3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) | USPAT |

| | Time Stamp | Comments | Error Definition | Errors |
|----|------------------|----------|------------------|--------|
| 26 | 2002/11/12 15:15 | | | 0 |
| 27 | 2002/11/12 16:41 | | | 0 |

| | Type | Hits | Search Text | DBs |
|----|------|------|--|-------|
| 28 | BRS | 10 | ((mzi interferomet\$3) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulat\$4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) not (((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) (((mzi interferomet\$3) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulat\$4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and (((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)))) (((mzi interferomet\$3) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulat\$4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and (((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (phase same modulat\$4))) "2124" (((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) | USPAT |

| | Time Stamp | Comments | Error Definition | Errors |
|----|------------------|----------|------------------|--------|
| 28 | 2002/11/12 17:20 | | | 0 |

| | Type | Hits | Search Text | DBs |
|----|------|------|---|-------|
| 29 | BRS | 64 | ((((machzend\$3 adj1 modulats3) (mach adj1 zend\$3 adj1 modulats3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and (((phase modulats3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) (((mzi interferomet\$3) and ((phase modulats3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulats4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and (((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (((phase modulats3) same (lithium near1 nioba\$3) linbo\$2)))) (((mzi interferomet\$3) and ((phase modulats3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulats4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and (((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (phase same modulats4))) (((phase modulats3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 modulats3) (mach adj1 zend\$3 adj1 modulats3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3)))) (((phase | USPAT |
| 30 | BRS | 2 | ((("6411756" "5751248" "5675648" "5543805" "5193128" "4486657").pn.) and (((machzend\$3 adj1 modulats3) (mach adj1 zend\$3 adj1 modulats3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3)))) | USPAT |
| 31 | BRS | 6 | ((("6411756" "5751248" "5675648" "5543805" "5193128" "4486657").pn.) and (mzi interferomet\$3) | USPAT |
| 32 | BRS | 6 | ((("6411756" "5751248" "5675648" "5543805" "5193128" "4486657").pn.) and (((phase modulats3) same (lithium near1 nioba\$3) linbo\$2)) | USPAT |
| 33 | BRS | 6 | ((("6411756" "5751248" "5675648" "5543805" "5193128" "4486657").pn.) and (((phase modulats3) same (lithium near1 nioba\$3) linbo\$2))) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1)) | USPAT |
| 34 | BRS | 3 | ((("6411756" "5751248" "5675648" "5543805" "5193128" "4486657").pn.) and (((phase modulats3) same (lithium near1 nioba\$3) linbo\$2))) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and ((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) | USPAT |

| | Time Stamp | Comments | Error Definition | Errors |
|----|------------------|----------|------------------|--------|
| 29 | 2002/11/12 17:49 | | | 0 |
| 30 | 2002/11/12 17:41 | | | 0 |
| 31 | 2002/11/12 17:41 | | | 0 |
| 32 | 2002/11/12 17:42 | | | 0 |
| 33 | 2002/11/12 17:43 | | | 0 |
| 34 | 2002/11/12 17:46 | | | 0 |

| | Type | Hits | Search Text | DBs |
|----|------|------|---|-------|
| 35 | BRS | 2 | (((((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and ((fiber waveguid\$4) same (amplif\$5 erbium\$6))) | USPAT |
| 36 | BRS | 1 | (((((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) (((mzi interferomet\$3) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulat\$4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and (((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)))) (((mzi interferomet\$3) and (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and (phase same modulat\$4) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and (((radiofrequenc\$3 (radio adj1 frequen\$4) rf (micro adj1 wave\$2) microwave\$2 analog)) same (phase same modulat\$4))) (((phase modulat\$3) same (lithium near1 nioba\$3) linbo\$2)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1)) and (((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3)))) (((phase | USPAT |
| 37 | BRS | 12 | (((((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3)))) and (polariz\$5 near2 maintain\$4 near3 (coupler\$4))) | USPAT |
| 38 | BRS | 2 | (((((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3)))) and (polariz\$5 near2 maintain\$4 near3 (coupler\$4))) and (photodiode\$3 photo adj1 (diode\$1 detect\$4) detect\$4)) and ((phase adj1 lock\$3) phaselock\$5) | USPAT |
| 39 | BRS | 2 | (((((machzend\$3 adj1 modulat\$3) (mach adj1 zend\$3 adj1 modulat\$3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3)))) and (polariz\$5 near2 maintain\$4 near3 (coupler\$4))) and (photodiode\$3 photo adj1 (diode\$1 detect\$4) detect\$4)) and ((phase adj1 lock\$3) phaselock\$5)) and (nd\$5 \$4yag) | USPAT |

| | Time Stamp | Comments | Error Definition | Errors |
|----|------------------|----------|------------------|--------|
| 35 | 2002/11/12 17:48 | | | 0 |
| 36 | 2002/11/12 17:56 | | | 0 |
| 37 | 2002/11/12 18:17 | | | 0 |
| 38 | 2002/11/12 18:20 | | | 0 |
| 39 | 2002/11/12 18:47 | | | 0 |

| | Type | Hits | Search Text | DBs |
|----|------|-------|--|-------|
| 40 | BRS | 0 | (((((machzend\$3 adj1 modulatz3) (mach adj1 zend\$3 adj1 modulatz3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and (polariz\$5 near2 maintain\$4 near3 (coupler\$4))) and (photodiode\$3 photo adj1 (diode\$1 detect\$4) detect\$4) and ((phase adj1 lock\$3) phaselock\$5) and (nd\$5 \$4yag)) and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1)) | USPAT |
| 41 | BRS | 29011 | ((phase adj1 lock\$3) phaselock\$5) | USPAT |
| 42 | BRS | 7429 | ((piezo adj1 electric adj1 transdu\$5) pzt) | USPAT |
| 43 | BRS | 2 | ((((machzend\$3 adj1 modulatz3) (mach adj1 zend\$3 adj1 modulatz3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and ((phase adj1 lock\$3) phaselock\$5)) and (((phase adj1 lock\$3) phaselock\$5)) same (((piezo adj1 electric adj1 transdu\$5) pzt))) | USPAT |
| 44 | BRS | 22 | ((machzend\$3 adj1 modulatz3) (mach adj1 zend\$3 adj1 modulatz3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and ((phase adj1 lock\$3) phaselock\$5) | USPAT |
| 45 | BRS | 10 | ((((machzend\$3 adj1 modulatz3) (mach adj1 zend\$3 adj1 modulatz3) mzm mzi (machzend\$3 adj1 interferomet\$3) (mach adj1 zend\$3 adj1 interferomet\$3))) and (polariz\$5 near2 maintain\$4 near3 (coupler\$4))) and (photodiode\$3 photo adj1 (diode\$1 detect\$4) detect\$4) | USPAT |
| 46 | BRS | 26 | ((phase adj1 lock\$3) phaselock\$5)) same ((piezo adj1 electric adj1 transdu\$5) pzt)) | USPAT |
| 47 | BRS | 1 | 5193128.pn. | USPAT |
| 48 | BRS | 1 | 5193128.pn. and fiber\$5 | USPAT |
| 49 | BRS | 0 | 5193128.pn. and polariz\$6 | USPAT |
| 50 | BRS | 1 | 6411756.pn. | USPAT |
| 51 | BRS | 1 | 6411756.pn. and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1)) | USPAT |
| 52 | BRS | 1 | 5675648.pn. and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1)) | USPAT |
| 53 | BRS | 1 | (5675648.pn. and ((piezoelectrictransduc\$3 (piezoelectric adj1 transduc\$3) (piezo adj1 electric adj1 transduc\$3) pzt\$1))) and ((lithium near1 nioba\$3) linbo\$2) | USPAT |

| | Time Stamp | Comments | Error Definition | Errors |
|----|------------------|----------|------------------|--------|
| 40 | 2002/11/12 18:05 | | | 0 |
| 41 | 2002/11/12 18:21 | | | 0 |
| 42 | 2002/11/12 18:28 | | | 0 |
| 43 | 2002/11/12 18:28 | | | 0 |
| 44 | 2002/11/12 18:33 | | | 0 |
| 45 | 2002/11/12 18:34 | | | 0 |
| 46 | 2002/11/13 16:24 | | | 0 |
| 47 | 2002/11/12 18:48 | | | 0 |
| 48 | 2002/11/12 18:52 | | | 0 |
| 49 | 2002/11/12 18:57 | | | 0 |
| 50 | 2002/11/12 18:58 | | | 0 |
| 51 | 2002/11/12 19:02 | | | 0 |
| 52 | 2002/11/12 19:08 | | | 0 |
| 53 | 2002/11/12 19:08 | | | 0 |